

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/561,506
Source: IFWP
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IFWP

RAW SEQUENCE LISTING

DATE: 01/04/2006

PATENT APPLICATION: US/10/561,506

TIME: 10:33:31

Input Set : F:\SONN085.APP.txt

Output Set: N:\CRF4\01042006\J561506.raw

3 <110> APPLICANT: MEINKE, ANDREAS
 4 NAGY, ESZTER
 5 WINKLER, BIRGIT
 7 <120> TITLE OF INVENTION: CHLAMYDIA PNEUMONIAE ANTIGENS
 9 <130> FILE REFERENCE: SONN:085US
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/561,506
 12 <141> CURRENT FILING DATE: 2005-12-19
 14 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/006460
 15 <151> PRIOR FILING DATE: 2004-06-16
 17 <150> PRIOR APPLICATION NUMBER: EP03450148.6
 18 <151> PRIOR FILING DATE: 2003-06-17
 20 <160> NUMBER OF SEQ ID NOS: 122
 22 <170> SOFTWARE: PatentIn Ver. 2.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 1956
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 31 Primer
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 36 gcagggtcgg aagctaagcc taaagaatct aagaccgatt ctgtagagcg atggagcatc 180
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 46 cagacagatg ctacagcgac acagatagag aaagatggaa atgcgattag ggatgcatat 780
 47 tttgcaggac agaacgctag tggagctgta gaaaatgcta aatctaataa cagtataagc 840
 48 aacatagatt cagctaaagc agcaatcgct actgctaaga cacaatagc tgaagctcag 900
 49 aaaaagttcc cgcactctcc aattcttcaa gaagcggaac aaatggtaat acaggctgag 960
 50 aaagatctta aaaatatcaa acctgcagat ggttctgatg ttccaaatcc aggaactaca 1020
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60 cctagagcac gaacagaagc tcgaggacca gaaaaaacag atcaagccct cgctaggggtg 1620
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62 gtaatgcaga tcatccagtc gaatcctcaa gcgaataatg aggagatcag acaaaagctt 1740
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64 tctacacaga agttcatagc taaattagaa agtttggttg ctgaaggatc taggacagca 1860
65 gctgaaataa aagcactttc ctttgaaacg aactccttgt ttattcagca ggtgctgggtc 1920
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69 <210> SEQ ID NO: 2

70 <211> LENGTH: 1170

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72 <213> ORGANISM: Artificial Sequence

74 <220> FEATURE:

75 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

76 Primer

78 <400> SEQUENCE: 2

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81 tgggaagggtg ctgcaggaga tcttgcgat ccttgcgcta cttggtgcga cgctattagc 180
82 ttacgtgctg gattttacgg agactatgtt ttcgaccgta tcttaaaagt agatgcacct 240
83 aaaacatttt ctatgggagc caagcctact ggatccgctg ctgcaaacta tactactgcc 300
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87 aaaggtagta ctgtaaagtc aaatgaacta ccaaagcttt cttaagtaa cggagttggt 540
88 gaactttaca cagacacctc tttctcttgg agcgtaggcg ctcgtggagc cttatgggaa 600
89 tgcgggttgtg caactttggg agctgaattc caatatgcac agtccaaacc taaagttgaa 660
90 gaacttaatg tgatctgtaa cgtatcgcaa ttctctgtaa acaaacccaa gggctataaa 720
91 ggcgttgctt tccccttgcc aacagacgct ggcgtagcaa cagctactgg aacaaagtct 780
92 gcgacctaca attatcatga atggcaagta ggagcctctc tatcttacag actaaactct 840
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94 attgctcagc caaaactacc tacagctgtt ttaaaactta ctgcatggaa cccttcttta 960
95 ctaggaaatg ccacagcatt gtctactact gattcggttct cagacttcat gcaaattggt 1020
96 tctgtcaga tcaacaagtt taaatctaga aaagcttggtg gagttactgt aggagctact 1080
97 ttagttgatg ctgataaatg gtcacttact gcagaagctc gtttaattaa cgagagagct 1140
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102 <211> LENGTH: 642

103 <212> TYPE: DNA

104 <213> ORGANISM: Artificial Sequence

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107 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

108 Primer

110 <400> SEQUENCE: 3

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113 actgcctcag gaggacgcca aggggttatta gcacgaatca aagaagcagt aaccggggttt 180
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115 ccatctgcag atactgtacg tagcccggtt cggggagggg atgctcgcg taccgaggga 300
116 gctggttaga acttaattaa aaaagggtac caaccaggga tgaaagtcac tatcccacag 360
117 gttcctggag gaggggccca acgttcatca ggtagcacga cactaaagcc tacgcgtccg 420
118 gcacccccac ctctaaaaac ggggtggaact aatgcaaac gtccggcaac gcacgggaag 480
119 ggtccagcac ccagcctcc taaaacaggt gggaccaatg ctaagcgcg agcaacgcat 540
120 gggaaaggtc cagcacctca acctcctaag ggcattttga aacagcctgg gcagtctggg 600
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130 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
131 Primer
133 <400> SEQUENCE: 4
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136 gtaactacat caacctcaca gccgcaagtt gcttctaaag caaagcagtt atggcagacg 180
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157 <211> LENGTH: 1002
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
163 Primer
165 <400> SEQUENCE: 5
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168 gatgctacct tcgttagctt gcctgacgcc caaggagaag taaaagatct agggaaaaca 180
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172 tctatgcttc gcttttggaa agaacgtaag ggattcccta tttatatatta tgtgaatggg 420
173 ctttgtgctt cgggaggcta ttatgtatcc tgcgctgcaa ctaaaattta tgccacctcc 480
174 tcctctctta tcggttctat cggagtgcgt tctggaccat tcttcaatgt aaaagaagg 540
175 ttaaatacgt acggagttga aagtgatctg ctgacagctg gaaaagataa ggctccaatg 600
176 aatccttata caccgtggac ttctcatgat agagaagaac ggcaagcgac tcttgatttt 660
177 ctctacggac aatttggtga tatagttaca caaaaccgtc ctctgcttac taaagagaag 720
178 ttagttcaca ctctcggagc acgtatatttt tctccagaga aggccaaaca agaaggctat 780
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180 attgaagata actatagagt gattggctct ggtggtgatg gttggtggaa gcggtggct 900
181 tcagctgcag cttcaagtcc attagttact ggcatgatta aacacgatat tctgccttta 960
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190 <220> FEATURE:

191 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

192 Primer

194 <400> SEQUENCE: 6

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221 gcagcagcac aaacatctca gacagtaact ctaattgcag atcacgaaat gcaagaaatt 180
222 gcaagtcaag atggatccgc ggtaagcttt tctgctgagc actctttttc taccctccct 240
223 ccagagactg gaagtgttg agctacagca caatccgctc aatctgcggg gctattttca 300
224 ttatcaggct gtacacaaaag aagagattcg gagatttctt cctcttctga cggcagttcg 360
225 atatctagaa ctagctcaaa cgcattctct ggagaaacaa gcagagctga aagtagtcct 420
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229 cactttgttt atgtagatga agccagaagt agtttcattt ttgtccgcaa tggtagactgg 660
230 tcaactgctg agtctataaa agtttctaata gcaaaaacca aagaaaatat tactaagcct 720
231 gcggacttag aaatgtgcat cgctaaattc tgtgtgggat atgaaaccat ccactcggat 780
232 tggacgggac gcgtaaaacc tacaatggaa gagcgctcgg gagccacagg aaattacaat 840
233 catctgatgc tcagcatgaa atttaaaact gctgtagtct acggtccttg gaatgctaaa 900
234 gaatctagta gtggatatac accctctgca tggcgctcgtg gagcaaaagt agaaacagggt 960
235 ccgatttggg atgatgttgg gggcttgaaa ggcattaact ggaaaacgac cccagctcca 1020
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250 tctacaacaa gtacgggaac ggggaacagga agtgtctcca cacaagtagc tggcgtaggg 1920
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255 gcaagtcaag ttgcttccac tttaggccag gtcgtgaatc aagcagctac agcaggttct 2220
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260 <211> LENGTH: 1707

261 <212> TYPE: DNA

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266 Primer

268 <400> SEQUENCE: 8

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271 acctatacac ccctgttatg gcgcgtgggt tccaagatga tgaacatcat tagagaggaa 180
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273 caacatacag ggagatggga ggcatttact tcggaaggac tgctctacac tctcaaagac 300
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:76; Xaa Pos. 1023

Seq#:85; Xaa Pos. 76

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/561,506

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:3753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:1008

L:4982 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:64